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DOCUMENT NUMBER: 123:55702  
TITLE: Preparation of pyridinecarboxamide derivatives as biocides  
INVENTOR(S): Koyanagi, Tooru; Morita, Masayuki; Yoneda, Tetsuo; Kagimoto, Chiharu  
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
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| JP 07025853            | A2   | 19950127 | JP 1993-196888  | 19930714 |
| PRIORITY APPLN. INFO.: |      |          | JP 1993-196888  | 19930714 |

OTHER SOURCE(S): MARPAT 123:55702

AB Pyridinecarboxamides I [A = alkanediyl, (un)substituted heterocyclyl; R = H, alkyl; if R = H and A = CH<sub>2</sub>, then X ≠ unsubstituted pyridyl, same thienyl, or same furyl] and their salts, useful as insecticides and acaricides, were prepared Thus, hydrogenation of 2-cyano-5-trifluoromethylpyridine gave 5-trifluoromethyl-2-pyridylmethylamine, condensation of which with 4-trifluoromethyl-3-pyridinecarbonyl chloride gave N-[5-(trifluoromethyl)-2-pyridylmethyl]-4-trifluoromethyl-3-pyridinecarboxamide (II). II showed insecticidal activity against Myzus persicae.

IT 164341-40-6P 164341-41-7P 164341-42-8P 164341-43-9P  
164341-44-0P 164341-45-1P 164341-46-2P 164341-47-3P  
164341-48-4P 164341-49-5P 164341-50-8P 164341-51-9P  
164341-52-0P 164341-53-1P 164341-54-2P 164341-55-3P 164341-56-4P  
164341-57-5P 164341-58-6P 164341-59-7P 164341-60-0P

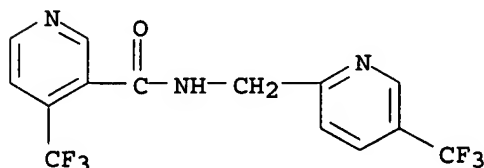
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(preparation of pyridinecarboxamide derivs. as biocides)

IT 164341-40-6P 164341-46-2P 164341-48-4P  
164341-60-0P

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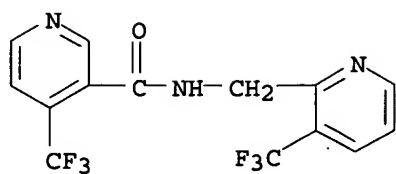
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CN 3-Pyridinecarboxamide, 4-(trifluoromethyl)-N-[[5-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



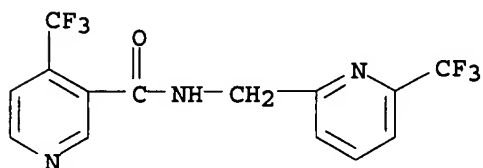
RN 164341-46-2 CAPLUS

CN 3-Pyridinecarboxamide, 4-(trifluoromethyl)-N-[[3-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



RN 164341-48-4 CAPLUS

CN 3-Pyridinecarboxamide, 4-(trifluoromethyl)-N-[[6-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



RN 164341-60-0 CAPLUS

CN 3-Pyridinecarboxamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

